

Title (en)  
Composite wound dressing.

Title (de)  
Mehrschichtiger Wundverband.

Title (fr)  
Pansement composite pour blessures.

Publication  
**EP 0227955 A2 19870708 (EN)**

Application  
**EP 86116467 A 19830720**

Priority  
GB 8221044 A 19820721

Abstract (en)  
The multilayered composite wound dressing comprises of a semipermeable membrane (10), optionally with a permeable supporting and reinforcing layer, and a non-stick, self-sealing biodegradable tissue interface (11). The semipermeable membrane may be a synthetic collagen, an alginate or a biocompatible polymer and it controls the rate of water vapour transmission from the wound surface. The permeable supporting and reinforcing layer provides mechanical strength and is usually a textile fabric. The biodegradable tissue interface may be synthetic collagen, sodium-calcium alginate or collagen-alginate complex, and it provides non-stick haemostatic sealing and aids the wound repair processes. For topical medication, growth promoting, antibacterial, antiallergic and therapeutic agents may also be incorporated.

IPC 1-7  
**A61L 15/01**; **A61F 13/00**

IPC 8 full level  
**A61F 13/00** (2006.01); **A61K 9/70** (2006.01); **A61L 15/24** (2006.01); **A61L 15/26** (2006.01); **A61L 15/28** (2006.01); **A61L 15/32** (2006.01); **A61N 1/20** (2006.01); **A61F 13/15** (2006.01)

CPC (source: EP)  
**A61F 13/01012** (2024.01); **A61F 13/51121** (2013.01); **A61K 9/7023** (2013.01); **A61L 15/24** (2013.01); **A61L 15/26** (2013.01); **A61L 15/28** (2013.01); **A61L 15/325** (2013.01); **A61N 1/205** (2013.01); **A61F 13/069** (2013.01); **A61F 13/534** (2013.01); **A61F 13/8405** (2013.01); **A61F 2013/00157** (2013.01); **A61F 2013/00217** (2013.01); **A61F 2013/00221** (2013.01); **A61F 2013/00229** (2013.01); **A61F 2013/00519** (2013.01); **A61F 2013/15024** (2013.01); **A61F 2013/15048** (2013.01); **A61F 2013/53445** (2013.01)

Cited by  
DE102006020498A1; US6534083B2; FR2663229A1; US6075177A; US6022556A; FR2628634A1; EP2316524A1; EP0518697A3; US5418222A; US5859198A; US2010112087A1; US10493040B2; GB2309909A; GB2309909B; US5735812A; US5201745A; US6309454B1; US10428458B2; WO2015174873A1; US10493041B2; US11318106B2; US7041868B2; US9968550B2; WO9613282A1; WO8908467A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0227955 A2 19870708**; **EP 0227955 A3 19871125**; AU 1724983 A 19850131; AU 575298 B2 19880728; CA 1212879 A 19861021; DE 3378185 D1 19881117; EP 0099758 A2 19840201; EP 0099758 A3 19841024; EP 0099758 B1 19881012; JP S5982855 A 19840514; ZA 835300 B 19840425

DOCDB simple family (application)  
**EP 86116467 A 19830720**; AU 1724983 A 19830725; CA 432836 A 19830720; DE 3378185 T 19830720; EP 83304203 A 19830720; JP 13421683 A 19830721; ZA 835300 A 19830721